

Converting Colors

XYZ(57.8242, 56.8376, 71.9466)

Have a look what the booklet for
XYZ(57.8242, 56.8376, 71.9466)
contains.

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Color

**XYZ(57.9140, 56.7479,
72.1910)**

Conversions

Conversions Part 1

Format	Color
Hex	D2C1D7
RGB	210, 193, 215
RGB Percent	82%, 76%, 84%
CMY	0.1765, 0.2431, 0.1569
CMYK	0.02, 0.10, 0.00, 0.16
HSL	286°, 22%, 80%
HSV	286°, 10%, 84%
XYZ	57.9140, 56.7479, 72.1910
YIQ	200.5910, 3.0700, 10.4460

Conversions

Conversions Part 2

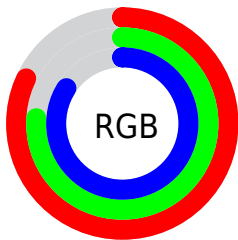
Format	Color
R_{YB}	210, 193, 215
Decimal	13812183
CIE _{Lab}	80.04, 9.93, -8.81
CIE _{LCh}	80, 13.280, 318.416
Yxy	56.7479, 0.3099, 0.3037
Android (android.graphics.Color)	4292002263 (0xFFD2C1D7)
YUV	200.5910, 7.1036, 8.2517
Hunter-Lab	75.3312, 5.3997, -4.0866

Details

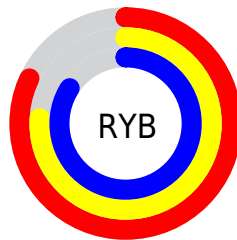
The XYZ color **57.9140, 56.7479, 72.1910** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **57.2170, 64.4584, 59.8811**, and the grayscale version is **55.2218, 58.0977, 63.2684**.

A 20% lighter version of the original color is **93.1657, 96.2314, 108.2719**, and **29.0954, 27.9719, 37.1233** is the 20% darker color. If you saturate the color by 10%, you get **52.1327, 47.2187, 70.6572**, and if you desaturate by 10%, it is **64.4321, 67.6858, 73.9595**.

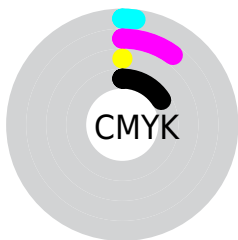
Distribution



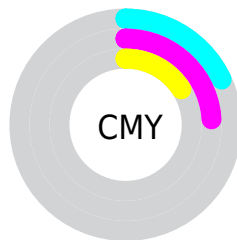
- Red (82%)
- Green (76%)
- Blue (84%)



- Red (82%)
- Yellow (76%)
- Blue (84%)



- Cyan (2%)
- Magenta (10%)
- Yellow (0%)
- Black (16%)



- Cyan (18%)
- Magenta (24%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.9140, 56.7479, 72.1910 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 57.9140, 56.7479, 72.1910 by changing the saturation by 10% instead.

■ 57.9140, 56.7479,
72.1910

■ 57.9140, 56.7479,
72.1910

406.8244,
412.5040, 487.2015

■ 41.9825, 40.8029,
52.8269

■ 100.9213,
100.0972, 124.0383

■ 29.2786, 28.1651,
37.2778

128.7278,
128.2704, 157.3586

■ 19.4371, 18.4501,
25.1252

161.2234,
161.2883, 196.1680

■ 12.0924, 11.2736,
15.9505

198.7734,
199.5354, 240.8852

■ 6.8793, 6.2512,
9.3352

241.7431,
243.3962, 291.9286

■ 3.4324, 2.9984,
4.8606

290.4979,

■ 1.3863, 1.1309,

293.2549, 349.7167

2.1084

345.4033,
349.4961, 414.6682

■ 0.2464, 0.0042,
0.6208

■ 0.0000, 0.0000,
0.0000

■ 57.9140, 56.7479,
72.1910

■ 57.9140, 56.7479,
72.1910

■ 52.1327, 47.2187,
70.6572

■ 64.4321, 67.6858,
73.9595

■ 47.0530, 39.0312,
69.3446

■ 71.7102, 80.0810,
75.9685

■ 42.6446, 32.1241,
68.2438

■ 78.9723, 92.3798,
77.9596

■ 38.8724, 26.4282,
67.3432

■ 80.5149, 93.1750,
78.0318

35.6984, 21.8678,
66.6302

82.1014, 93.9929,
78.1061

33.0801, 18.3585,
66.0908

83.7323, 94.8337,
78.1824

30.9690, 15.8040,
65.7090

85.4078, 95.6974,
78.2608

29.3076, 14.0899,
65.4657

87.1282, 96.5844,
78.3413

28.0188, 13.0273,
65.3286

88.8940, 97.4947,
78.4239

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



55.5938, 56.7479, 76.9952



57.9140, 56.7479, 72.1910



59.1841, 56.7479, 64.8226

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



57.9140, 56.7479, 72.1910



54.9863, 56.7479, 48.3389



49.1603, 56.7479, 66.6055

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



57.9140, 56.7479, 72.1910



57.2170, 64.4584, 59.8811

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



49.0099, 56.7479, 58.8512



57.9140, 56.7479, 72.1910



52.3138, 56.7479, 48.7292

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



57.9140, 56.7479, 72.1910



57.4565, 56.7479, 51.3223



50.1467, 56.7479, 52.4372



50.5645, 56.7479, 73.5896

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



57.9140, 56.7479, 72.1910



59.2371, 56.7479, 59.6383



50.1467, 56.7479, 52.4372



48.9632, 56.7479, 63.9904

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



57.9157, 56.7503, 72.1922



92.0210, 94.8875, 108.0728



54.4850, 56.6955, 72.3625



19.5267, 20.0244, 23.0859



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



57.9157, 56.7503, 72.1922



83.5404, 80.7111, 105.7835



58.6212, 57.1996, 68.3606



12.6641, 12.4838, 15.6797



16.8542, 7.8412, 39.0783



1.0857, 0.5086, 2.3603

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



57.2894, 56.6669, 61.3475



82.4774, 80.5762, 87.0708



56.5882, 64.0571, 63.3359



12.5377, 12.4666, 13.5059



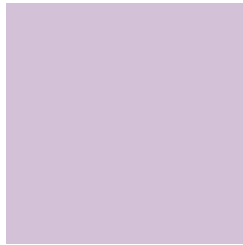
17.1254, 8.7865, 2.6986



1.0650, 0.5428, 0.3316

Previews

White Background



This preview shows how the XYZ color 57.9140, 56.7479, 72.1910 looks on a white background.

Color Contrast Check

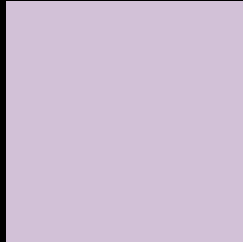
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 57.9140, 56.7479, 72.1910 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

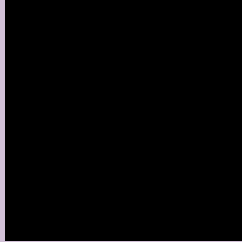
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 57.9140, 56.7479, 72.1910

Background



This preview shows how black text looks on a background with the XYZ color 57.9140, 56.7479, 72.1910.



This preview shows how white text looks on a background with the XYZ color 57.9140, 56.7479,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

57.9140, 56.7479, 72.1910

Protanopia

55.3861, 56.7302, 74.3605

Deuteranopia

57.9140, 56.7479, 72.1910



Tritanopia

57.0949, 56.7423, 68.2647

Trichromacy



Original Color

57.9140, 56.7479, 72.1910

Protanomaly

56.3517, 56.9071, 73.6598

Deuteranomaly

57.9140, 56.7479, 72.1910

Tritanomaly

57.3442, 56.8420, 69.5773

Monochromacy



Original Color

57.9140, 56.7479, 72.1910

Achromatopsia

55.5167, 58.4078, 63.6061

Achromatomaly

56.2365, 57.6818, 66.5622

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.9140, 56.7479, 72.1910 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(210, 193, 215)` looks like.

```
.text, #text, p{  
    color:rgb(210, 193, 215)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(210, 193, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 193, 215) }
```

Border

The CSS property to change the border of an element to XYZ 57.9140, 56.7479, 72.1910 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(210, 193, 215) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(210, 193, 215) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(210, 193, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 193, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 193, 215);  
box-shadow:4px 4px 4px 4px rgb(210, 193,  
215) }
```

Background

The CSS property to change the background color of an element to XYZ 57.9140, 56.7479, 72.1910 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 193, 215) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(210,  
193, 215) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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